

**In the specification**

**Please amend paragraph 1 and paragraph 2 of page 19 as follows:**

The analysis of the levels of kynurenes in the brain was performed in the same animal models of genetic epilepsy as in Examples 1 and 2 above, i.e., in seizure-native EP rats and rats with spontaneous non-convulsive absence seizures (GAERs), in comparison with control ER rats. In addition, the level of brain kynurenes was determined in EP rats chronically treated with phenytoin and in GAERs treated by specific AED ETS (ethosuximide) under different treatment protocol (as in Examples 3 above). The Experimental method was as follows.

The animals were sacrificed at the age of 2.5 months. Brain tissue was dissected on a cold plate. The samples of the cortex, brain stem, midbrain and cerebellum were collected and immediately frozen for storage -80 °C. The homogenized brain samples were prepared for HPLC detection and analyzed as previously described. The results are shown in Table 2, Figure 4, Table 3, and Figure 5.